

L Number	Hits	Search Text	DB	Time stamp
1	2	jp-11258860-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT DERWENT	2003/08/18 17:22
2	1	1999-595072.NRAN.	DERWENT	2003/08/18 17:22
3	2	jp-2000003046-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT DERWENT	2003/08/18 17:23
4	1	2000-131859.NRAN.	DERWENT	2003/08/18 17:23
5	2	jp-11344804-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT DERWENT	2003/08/18 17:26
6	1	1999-180547.NRAN.	DERWENT	2003/08/18 17:24
7	1	20020006558.pn.	US-PGPUB	2003/08/18 17:25
8	0	jp-11258860-\$.did. and (W or mo or cr or ge or sn or pb)	US-PGPUB	2003/08/18 17:25
9	2	jp-11174664-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:27
10	2	jp-10035131-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:27
11	258	photocatalyst same (w or mo or cr)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:36
12	2	(photocatalyst same (w or mo or cr)) and 101/\$.ccls.	USPAT	2003/08/18 17:31
13	12	(photocatalyst same (w or mo or cr)) and 430/\$.ccls.	USPAT	2003/08/18 17:35
14	1410	photocatalyst and (w or mo or cr)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:31
15	12	(photocatalyst and (w or mo or cr)) and 101/\$.ccls.	USPAT	2003/08/18 17:31
16	293	(photocatalyst and (w or mo or cr)) and 430/\$.ccls.	USPAT	2003/08/18 17:35
17	255	photocatalyst same (w or mo or cr or ge or sn or pb)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:37
18	0	(photocatalyst same (w or mo or cr or ge or sn or pb)) and print\$ near1 plate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:37
19	1577	photocatalyst and (w or mo or cr or ge or sn or pb)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:38
20	200	(photocatalyst and (w or mo or cr or ge or sn or pb)) and print\$ near1 plate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:38
21	2783018	w or mo or cr or ge or sn or pb	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:38

22	2781441	(w or mo or cr or ge or sn or pb) not (photocatalyst and (w or mo or cr or ge or sn or pb))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:39
23	0	((w or mo or cr or ge or sn or pb) not (photocatalyst and (w or mo or cr or ge or sn or pb))) not (w or mo or cr or ge or sn or pb)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:39
24	1577	(w or mo or cr or ge or sn or pb) not ((w or mo or cr or ge or sn or pb) not (photocatalyst and (w or mo or cr or ge or sn or pb)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:40
25	200	((w or mo or cr or ge or sn or pb) not ((w or mo or cr or ge or sn or pb) not (photocatalyst and (w or mo or cr or ge or sn or pb)))) and print\$ nearl plate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:40
26	1377	((w or mo or cr or ge or sn or pb) not ((w or mo or cr or ge or sn or pb) not (photocatalyst and (w or mo or cr or ge or sn or pb)))) not (((w or mo or cr or ge or sn or pb) not ((w or mo or cr or ge or sn or pb) not (photocatalyst and (w or mo or cr or ge or sn or pb)))) and print\$ nearl plate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:41
27	200	((w or mo or cr or ge or sn or pb) not ((w or mo or cr or ge or sn or pb) not (photocatalyst and (w or mo or cr or ge or sn or pb)))) not (((w or mo or cr or ge or sn or pb) not ((w or mo or cr or ge or sn or pb) not (photocatalyst and (w or mo or cr or ge or sn or pb)))) not (((w or mo or cr or ge or sn or pb) not ((w or mo or cr or ge or sn or pb) not (photocatalyst and (w or mo or cr or ge or sn or pb)))) and print\$ nearl plate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/18 17:41

US-PAT-NO: 6106984

DOCUMENT-IDENTIFIER: US 6106984 A

TITLE: Lithographic printing plate
precursor and method for
preparing lithographic printing plate
using the same

----- KWIC -----

Detailed Description Text - DETX (18):

Examples of the other metallic element which may be contained in the present titanium oxide grains include Si, Mg, V, Mn, Fe, Sn, Ni, Mo, Ru, Rh, Re, Os, Cr, Sb, In, Ir, Ta, Nb, Cs, Pd, Pt and Au. The concrete examples are described, e.g., in JP-A-7-228738, JP-A-7-187677, JP-A-8-81223, JP-A-8-257399, JP-A-8-283022, JP-A-9-25123, JP-A-9-71437 and JP-A-9-70532.

Detailed Description Text - DETX (186):

Then, the printing original plate was exposed for 3 minutes by means of a 100 W high-pressure mercury lamp placed in a distance of 20 cm.

Detailed Description Text - DETX (248):

Then, the printing original plate was irradiated all over for 5 minutes by means of a 150 W xenon lamp placed in a distance of 10 cm to be made into a lithographic printing plate.

Detailed Description Text - DETX (283):

Then, the plate-made master was exposed for 3 minutes by means of a 100 W high-pressure mercury lamp placed in a distance of 10 cm.

US-PAT-NO: 6183923

DOCUMENT-IDENTIFIER: US 6183923 B1

TITLE: Lithographic printing plate
precursor and method for
preparing lithographic printing plate
using the same

----- KWIC -----

Detailed Description Text - DETX (52):

Examples of the other metallic element which may be contained in the titanium oxide grains include Si, Mg, V, Mn, Fe, Sn, Ni, Mo, Ru, Rh, Re, Os, Cr, Sb, In, Ir, Ta, Nb, Cs, Pd, Pt and Au. Specific examples thereof are described, e.g., in JP-A-7-228738, JP-A-7-187677, JP-A-8-81223, JP-A-8-257399, JP-A-8-283022, JP-A-9-25123, JP-A-9-71437 and JP-A-9-70532.

Detailed Description Text - DETX (66):

Preferred examples of the metallic atom represented by M include metallic atoms of transition metals, rare earth metals and metals of III to V groups of periodic table. More preferred metals include Al, Si, Sn, Ge, Ti and Zr, and still more preferred metals include Al, Si, Sn, Ti and Zr. Particularly, Si is preferred.

Detailed Description Text - DETX (220):

Then, the printing plate precursor was exposed to light for 3 minutes by means of a 100 W high-pressure mercury lamp placed in a distance of 10 cm.

Detailed Description Text - DETX (282):

The printing plate precursor bearing the images was all

over exposed to
light for 5 minutes by means of a 150 W xenon lamp placed
in a distance of 10
cm to prepare a lithographic printing plate. The contact
angle with water of
the surface of the non-image area was 6 degrees and that of
the image area was
95 degrees.

Detailed Description Text - DETX (344):

Then, the printing plate precursor was exposed to light
for 3 minutes by
means of a 100 W high-pressure mercury lamp placed in a
distance of 20 cm.

Detailed Description Text - DETX (411):

The printing plate precursor bearing the images was all
over exposed to
light for 5 minutes by means of a 150 W xenon lamp placed
in a distance of 10
cm to prepare a lithographic printing plate. The contact
angle with water of
the surface of the non-image area was 0 degree and that of
the image area was
88 degrees.

US-PAT-NO: 6258512

DOCUMENT-IDENTIFIER: US 6258512 B1

TITLE: Method for preparation of
lithographic printing plate
and lithographic printing plate
prepared thereby

----- KWIC -----

Brief Summary Text - BSTX (37):

Examples of the other metallic element which may be contained in the titanium oxide grains include Si, Mg, V, Mn, Fe, Sn, Ni, Mo, Ru, Rh, Re, Os, Cr, Sb, In, Ir, Ta, Nb, Cs, Pd, Pt and Au. Specific examples thereof are described, e.g., in JP-A-7-228738, JP-A-7-187677, JP-A-8-81223, JP-A-8-257399, JP-A-8-283022, JP-A-9-25123, JP-A-9-71437 and JP-A-9-70532.

Detailed Description Text - DETX (6):

To the resulting mixture were added 100 g of a 40% solution of photocatalyst titanium oxide sol (Titanium oxide slurry STS-21 produced by Ishihara Sangyo Kaisha Ltd.) and 48 g of a 20% solution of Alumina sol 520 (produced by Nissan Chemical Industries, Ltd.) and the mixture was stirred for 20 minutes to prepare a dispersion.

Detailed Description Paragraph Table - DETL (2):

Photocatalyst titanium oxide powder 45 g (STS-01 produced by Ishihara Sangyo Kaisha Ltd.) Colloidal silica (20% dispersion, 25 g Snowtex C produced by Nissan Chemical Industries, Ltd.) Complex for binder resin shown below 138.5 g Water 250 g